



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 2336)

In the Application of:

David Welch

Serial No.: 10/622,438

Filed: July 18, 2003

**For: Method and System for Buffering
Media to Reduce Apparent Latency in
Initiating a Packet-Based Real-Time
Media Session**

Confirmation No. 4938

Group Art Unit 2681

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313

TRANSMITTAL LETTER

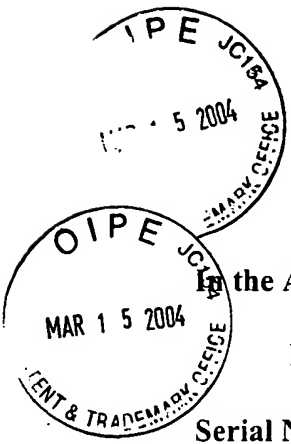
Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:
 - A. Form PTO-1449;
 - B. Copies of thirty-five (35) of the cited references; and
 - C. Return receipt postcard.
2. With respect to additional fees, no additional fee is required.
3. Please charge any additional fees or credit overpayment to Deposit Account No. 210765. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned also hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313 on this 11th day of March, 2004.

By: 

Lawrence H. Aaronson
Reg. No. 35,818



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 2336)

In the Application of:

David Welch

Serial No.: 10/622,438

Filed: July 18, 2003

For: Method and System for Buffering
Media to Reduce Apparent Latency in
Initiating a Packet-Based Real-Time
Media Session

Confirmation No. 4938

Group Art Unit 2681

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313

TRANSMITTAL LETTER

Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:
 - A. Form PTO-1449;
 - B. Copies of thirty-five (35) of the cited references; and
 - C. Return receipt postcard.
2. With respect to additional fees, no additional fee is required.
3. Please charge any additional fees or credit overpayment to Deposit Account No. 210765. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned also hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313 on this 11th day of March, 2004.

By:

Lawrence H. Aaronson
Reg. No. 35,818

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

2336

Serial No.

10/622,438



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant:

David Welch

Filing Date:

July 18, 2003

Group:

2681

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,870,408	9/26/89	Zdunek et al.			
	2.	5,442,809	8/15/95	Diaz et al.			
	3.	5,568,511	10/22/96	Lampe			
	4.	5,710,591	1/20/98	Bruno et al.			
	5.	5,818,836	10/6/98	DuVal			
	6.	5,850,611	12/15/98	Krebs			
	7.	5,884,196	3/16/99	Lekven et al.			
	8.	5,936,964	3/16/99	Valko et al.			
	9.	5,983,099	11/9/99	Yao et al.			
	10.	6,014,556	1/11/00	Bhatia et al.			
	11.	6,032,051	2/29/00	Hall et al.			
	12.	6,041,241	3/21/00	Willey			
	13.	6,119,017	9/12/00	Cassidy et al.			
	14.	6,178,323	1/23/01	Nagata			
	15.	6,381,467	4/30/02	Hill et al.			
	16.	6,490,452	12/3/02	Boscovic et al.			
	17.	6,526,377	2/25/03	Bubb			
	18.	2002/0055364	5/9/02	Wang et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 2336	Serial No. 10/622,438
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: David Welch	
		Filing Date: July 18, 2003	Group: 2681

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	19.	2002/0071445	6/13/02	Wu et al.			
	20.	2002/0145990	10/10/02	Sayeedi			
	21.	2002/0147818	10/10/02	Wengrovitz			
	22.	2002/0172165	11/21/02	Rosen et al.			
	23.	2002/0172169	11/21/02	Rosen et al.			
	24.	2002/0173325	11/21/02	Rosen et al.			
	25.	2002/0173326	11/21/02	Rosen et al.			
	26.	2002/0173327	11/21/02	Rosen et al.			
	27.	2002/0177461	11/28/02	Rosen et al.			
	28.	2002/0191583	12/19/02	Harris et al.			
	29.	2003/0008657	1/9/03	Rosen et al.			
	30.	2003/0021264	1/30/03	Zhakov et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	31.	EP 0 817 457	1/7/98	Europe				
	32.	EP 0 984 608	3/8/00	Europe				

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 2336	Serial No. 10/622,438
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: David Welch	
		Filing Date: July 18, 2003	Group: 2681

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

33.	International Search Report from International Application No. PCT/US02/31411, dated 4 March 2003.		
34.	International Search Report from International Application No. PCT/US02/29575, dated 10 December 2002.		
35.	International Search Report from International Application No. PCT/US02/36055, dated 10 April 2003.		
36.	International Search Report from International Application No. PCT/US03/03021, dated 18 June 2003.		
37.	International Search Report from International Application No. PCT/US03/02950, dated 6 November, 2003.		
38.	U.S. Patent Application Serial No. 10/277,465, filed October 22, 2002 entitled "Method for Call Setup Using Short Data Bursts".		
39.	U.S. Patent Application Serial No. 10/067,028, filed February 4, 2002 entitled "Method and System for Reducing Latency When Initiating Real-Time Media Sessions".		
40.	3 rd Generation Partnership Project 2 "3GPP2", Fast Call Set-Up," Version 1.0, 15 April 2002.		
41.	Mobile Tornado, http://www.mobiletornado.com/products_iprsptt.html , printed from the World Wide Web on 1/27/2003.		
42.	"Qualcomm Chats Up 'Push-to-Talk'," http://siliconvalley.internet.com/news/print.php/953261 , printed from the World Wide Web on 1/27/2003.		
43.	Schulzrinne and Rosenberg, "SIP Caller Preferences and Callee Capabilities," Internet Engineering Task Force, Internet Draft, October 22, 1999.		
44.	Vakil et al., "Host Mobility Management Protocol Extending SIP to 3G-IP Networks," Internet Engineering Task Force, Internet Draft, October 1999.		
45.	Campbell and Sparks, "Control of Service Context Using SIP Request – URI," Network Working Group, April 2001.		
46.	Ericsson, www.telecomcorridor.com/wireless%20horizons/1Coyne.pdf , printed from the World Wide Web on 6/27/01.		
47.	Dirk Kutscher/Jorg Ott, "The Message Bus – A Communication & Integration Infrastructure for Component-Based Systems," White Paper, January 2000.		
48.	Ott et al., "A Message Bus for Local Coordination," Network Working Group, Internet-Draft, May 30, 2001.		
49.	TR45, Medium Access Control (MAC) Standard for cdma2000 Spread Spectrum System, IS-2000-3, July 12, 1999.		
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 2336	Serial No. 10/622,438
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: David Welch	
		Filing Date: July 18, 2003	Group: 2681

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

50.	3 rd Generation Partnership Project 2 '3GPP2', "Interoperability Specification (IOS) for CDMA 2000 Access Network Interfaces – Part 3 Features," November 2001.
51.	Perkins, "IP Mobility Support," Internet Engineering Task Force Request for Comment 2002, October 1996.
52.	Perkins, "IP Encapsulation within IP," Internet Engineering Task force Request for Comments 2003, October 1996.
53.	Perkins, "Minimal Encapsulation with in IP," Internet Engineering Task Force Request for Comments 2004, October 1996.
54.	Solomon, "Applicability Statement for IP Mobility Support," Internet Engineering Task Force Request for Comments 2005, October 1996.
55.	Handley et al., "SDP: Session Description Protocol," Internet Engineering Task Force Request for Comment 2327, April 1998.
56.	Handley et al., "SIP: Session Initiation Protocol," Internet Engineering Task Force Request for Comment 2543, March 1999.
57.	Fielding et al., "Hypertext Transfer Protocol – HTTP/1.1," Internet Engineering Task force Request for Comment 2616, June 1999.
58.	Rigney et al., "Remote Authentication Dial in User Service (RADIUS)," Internet Engineering Task Force Request for Comment 2865, June 2000.
59.	Rigney, "RADIUS Accounting," Internet Engineering Task Force Request for Comment 2866, June 2000.
60.	OMA, "Discussion and definitions on PoC Floor Control, Input Contribution, Doc #OMA-REQ-2003-0375-PoC_Floor_Control, June 2, 2003
61.	OMA, "PoC Use case: Mobile – PC Example," Input Contribution, Doc #OMA-REQ-2003-0323 PoC Mobile-PC use case, May 5, 2003.
62.	OMA, "PoC Use case: Multimedia Group Call Example," Input Contribution, Doc #OMA-REQ-2003-0306-PoC UseCase-group-multimedia-scenario, May 6, 2003.
63.	OMA, "PoC Use case: Examples of User Requirements," Input Contribution, Doc #OMA-REQ-2003-0305-PoC Use Case, May 6, 2003.
64.	OMA, "Inputs for PoC Requirements Document," Input Contribution, Doc #OMA-REQ-2003-0367-PoC_Input_Motorola, May 29, 2003.
65.	OMA, "Push to Talk over Cellular (PoC)," Version: 0.1.6, May 12, 2003.
EXAMINER	
DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.